

What is claimed is:

1. A hydraulic type plastic tensioner comprising:
a body of said tensioner;
a metallic cylinder fit into a circular hole formed in said body of the tensioner;
a plunger inserted into said cylinder, the front end portion of said plunger being protruded from said body by a compression spring provided in said cylinder;
a pressure oil chamber formed between the inside of said plunger and said cylinder; and
a check valve mechanism that allows the flowing of oil into said pressure oil chamber but blocks the back flow of the oil;
wherein said body of the tensioner is made of plastics.
2. The hydraulic type plastic tensioner according to claim 1, wherein said check valve mechanism comprises a ball seat provided on a bottom portion of said circular hole, a check ball biased with a spring which can be abutted on a through-hole formed in said ball seat and a retainer, which supports said spring, and wherein said cylinder is a retainer-integrated type cylinder in which the cylinder body and said retainer are integrally formed, and said retainer of said cylinder is press-fit into said ball seat.
3. The hydraulic type plastic tensioner according to claim 2, wherein said ball seat is fit onto a cylindrical protruded portion raised on the bottom portion of said circular hole, and said retainer is press-fit onto said ball seat whereby said cylinder is held in the circular hole.
4. The hydraulic type plastic tensioner according to claim 2, wherein said ball seat is fit into a small-diameter circular hole formed on a lower portion of the bottom portion of said circular hole and said retainer is press-fit onto said ball seat whereby said cylinder is held in said circular hole.
5. The hydraulic type plastic tensioner according to any one of claims 1 to 4, wherein said plastic body of the tensioner includes a backward displacement prevention mechanism for the plunger, comprising ratchet teeth carved on an outer

circumferential surface of the plunger and a ratchet body that is engaged with said ratchet teeth by a spring bias.

6. The hydraulic type plastic tensioner according to any one of claims 1 to 5, wherein an O-ring is provided between the bottom portion of said circular hole and the bottom plate of said cylinder.